

Frink's

Light

Frink's • Patent • • Reflectors

For Electric and • •
Combination Fixtures

**The
Great
Church
Light.**

FRINK'S

PATENT REFLECTORS

.. FOR ..

ELECTRIC AND COMBINATION
FIXTURES



For Lighting Churches, Halls, Banks, Stores, Store
Windows, Schools, Hospitals, Office and
Public Buildings, Factories, Etc., Etc.



Beware of Worthless Imitations,
Infringing my Patents, and Ren-
dering the Purchaser Liable to
Prosecution for Infringement.



I. P. FRINK,

GEO. FRINK SPENCER,
Manager.

551 Pearl Street,
NEW YORK,

One Door East
of Broadway.

List and Net Prices.

FOR SALE BY

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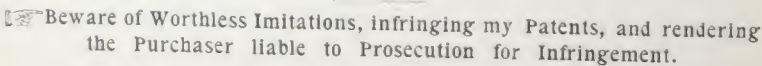
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Patentee and Manufacturer of Frink's Improved Silver-plated Corrugated Crystal or Opal Glass Reflectors, for Lighting and Ventilating Churches, Halls, Theatres, Banks, Stores, Offices, Armories and Public Buildings.

Prismatic Reflecting Chandeliers and Sunlights of every style and design to order.

Protected by the following Patents:

April 10, 1860.	Feb. 8, 1870 (No. 3826).	April 3, 1883.
April 17, 1860.	Feb. 8, 1870 (No. 3827).	Feb. 16, 1892.
June 12, 1860.	April 9, 1872.	April 20, 1897 (No. 581,093).
Dec. 24, 1861.	April 17, 1874.	April 20, 1897 (No. 581,094).
June 8, 1869.	May 20, 1879.	Dec. 14, 1897.
July 7, 1869.	Jan. 10, 1882.	

 Beware of Worthless Imitations, infringing my Patents, and rendering the Purchaser liable to Prosecution for Infringement.

ALL THE GENUINE HAVE MY NAME ATTACHED.

J. P. FRANK



QUALITY



QUANTITY.

ECONOMY.

The first prize at the first great American Exposition.
The first prize at the last great World's Fair.

We have made Church and Public Hall Lights for over forty consecutive years.

We are the oldest light makers.

We never hawk, don't, and never will, make cheap goods.

It pays us to satisfy.

Quality for quality we will compete with everybody, as we can give the best cheaper than can anybody else.

We will not compete with makers of questionable Refractors.

The Reflector that hark, and reflects all the light there is, costs more to manufacture, than cheap dealers ask for cheap goods.

Our Reflectors are custom made, with angles adapted to their work.

Our Reflectors are harmonizing—they fit in looks, and fit to work.

The earlier you order the better we will satisfy you, and the more you will save in transportation charges.

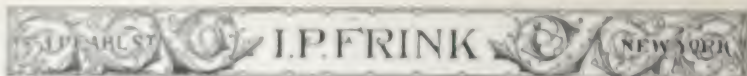
The risk of transportation breakage is ours.

We guarantee absolute satisfaction, if you give us the correct dimensions and follow our recommendations.

Large rooms and halls need suspended Refractors, for they increase the light four-fold, and give none of the eye-irritating glare of direct candlelight light, and they are too high to obstruct the view.

Our reputation is based upon over forty years of honest work.

Some irresponsible dealers, when ordered to purchase Frank's Refractors, use cheap substitutes. We hear of this often. Will you not report such attention to us, for the sake of honesty, and for the sake of more light?



SPECIAL.

Established 1857.

Frink's Improved and Patented Reflectors

are in every district in the country. Really you see them everywhere. They represent the perfection of modern art and quality—they are up to the times. Our expert artists are constantly designing new and improved forms.

We claim that our Reflectors are the only ones satisfactory and economical.

Our Reflectors are of the best crystal corrugated glass, of double silver plate, coated on the back with heat and moisture proof cement. They last.

All of our Reflectors are positively guaranteed. Satisfaction is sure.

We furnish every kind and description of fixture required for church or other lighting, and will cheerfully answer any question regarding same.

SPECIAL DESIGNS in Reflectors and Reflecting Chandeliers furnished upon request.

The prices for *Combination or Electric Fixtures* include Wiring and Insulating Joints, but not the *Sockets or Lamps*.

Our Reflectors work equally as well with low as with high ceilings.

SENT us the **DIMENSIONS** and **HEIGHT** of **CEILING**, so that we may properly adjust the angles of the Reflector.

Patented and guaranteed.

Frink's Reflectors are fully protected by patents, and all of them are stamped with our name.

They are all up to date with the most modern improvements in material, design, finish and burners.

They are presented as the best and cheapest for lighting churches, halls, stores, office and public buildings.

Do not accept imitations, as the purchaser, as well as the seller, is liable in prosecution for infringement.

If they are Frink's, they light.

A reasonable amount will be charged extra for hauling and shipping.

FRINK'S DEEP REFLECTING SHADE.

Enameled Dark Green Outside, Lined with Silvered Corrugated, Mirror or Opal Glass.



No. 2624.

To throw the light downward. Admirably adapted for Stores, Store Windows, Desks, and places where a number of lamps are scattered over the ceiling or in clusters; the shade reflects the light down where needed, and greatly increases the light at a minimum of expense, a lesser number of lights answering the same purpose where these shades are used.

No.	Diameter in Inches.	Glass.	For Holder.	List Price Each.	Net Price Each.
2619	7	Mirror	2 3/4 inch.	\$1 20	\$ 72
2620	7	Corrugated	2 3/4 "	1 35	81
2621	8	Mirror	2 3/4 "	1 25	75
2622	8	Corrugated	2 3/4 "	1 40	84
2623	10	Mirror	2 3/4 "	1 35	81
2624	10	Corrugated	2 3/4 "	1 50	90
2625	12	Mirror	2 3/4 "	1 50	90
2626	12	Corrugated	2 3/4 "	1 70	1 02



FRINK'S FLAT REFLECTING SHADE.

For Stores, Factories, Workshops, Ceiling Lights, and general use.

No. 2628.

No.	Diameter in Inches.	Glass.	For Holder.	List Price Each.	Net Price Each.
2627	10	Mirror	2 3/4 inch.	\$1 00	\$ 60
2628	10	Corrugated	2 3/4 "	1 10	66
2629	12	Mirror	2 3/4 "	1 20	72
2630	12	Corrugated	2 3/4 "	1 40	84
2631	14	Mirror	2 3/4 "	1 50	90
2632	14	Corrugated	2 3/4 "	1 70	1 02
2633	14	Mirror	3 1/4 "	1 50	90
2634	14	Corrugated	3 1/4 "	1 70	1 02
2635	16	Mirror	2 3/4 "	2 00	1 20
2636	16	Corrugated	2 3/4 "	2 30	1 38
2637	16	Mirror	3 1/4 "	2 00	1 20
2638	16	Corrugated	3 1/4 "	2 30	1 38
2639	18	Mirror	3 1/4 "	2 50	1 50
2640	18	Corrugated	3 1/4 "	2 75	1 65
2641	20 1/2	Mirror	3 1/4 "	3 25	1 95
2642	20 1/2	Corrugated	3 1/4 "	3 75	2 25

Flat Shades from 16 to 20 1/2 inches inclusive made with 3/4-inch hole at same price as above.

Lined with Opal Glass when ordered at same price as with Mirror.

10-inch Flat and Deep Shades furnished for Edison sockets without holders when so ordered.

Patented December 14, 1897.

FRINK'S CONVEX REFLECTING SHADE.



No. 2644.

No.	Diameter in Inches.	Glass.	For Holder.	List Price Each.	Net Price Each.
2645	10	Mirror	2 1/4 inch	\$1.25	\$.75
2646	10	Corrugated	2 1/4	1.35	.81
2647	12	Mirror	2 1/4	1.80	.78
2648	12	Corrugated	2 1/4	1.90	.90
2649	14	Mirror	2 1/4	1.50	1.02
2650	14	Corrugated	2 1/4	1.60	.96
2651	16	Mirror	2 1/4	1.70	1.02
2652	16	Corrugated	2 1/4	2.00	1.00
2653	18	Mirror	2 1/4	2.30	1.38
2654	18	Corrugated	2 1/4	2.50	1.50
2655	20	Corrugated	2 1/4	2.75	1.65

FRINK'S CONCAVE REFLECTING SHADE.



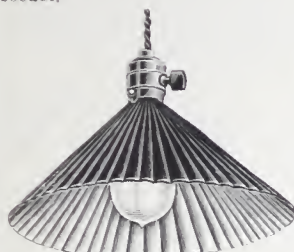
No. 2656.

No.	Diameter in Inches.	Glass.	With Holder	List Price Each.	Net Price Each.
2657	10	Mirror	---	\$1.40	\$.80
2658	10	Corrugated	---	1.10	.66
2659	12	Mirror	---	1.20	.72
2660	12	Corrugated	---	1.40	.84
2661	14	Mirror	---	1.50	.90
2662	14	Corrugated	---	1.70	1.02
2663	16	Mirror	---	1.80	.90
2664	16	Corrugated	---	1.70	1.02
2665	18	Mirror	---	2.00	1.20
2666	18	Corrugated	---	2.30	1.38
2667	20	Mirror	---	2.00	1.20
2668	20	Corrugated	---	2.30	1.38
2669	22	Mirror	---	2.50	1.50
2670	22	Corrugated	---	2.75	1.65
2671	24	Mirror	---	3.00	1.80
2672	24	Corrugated	---	3.25	1.95

Lined with opal glass when ordered at same price as with Mirror.

FRINK'S SPECIAL DEEP CONE SHADES.

Extra Bright Corrugated Metal, green outside, French finish, made with special reference to the proper diffusion of an even light. Including Adjustable Holder to fit any socket,



No. 2672.

No.	Diameter in Inches.	List Price per Dozen	Net Price per Dozen
2671	8	\$3 75	\$2 25
2672	10	5 00	3 00
2673	12	6 50	3 90

DEEP ALUMINUM SHADES.

As per Cut No. 2672.

No.	Diameter in Inches.	List Price per Dozen.	Net Price per Dozen
2674	8	\$9 00	\$5 40
2675	10	11 00	6 60
2676	12	13 00	7 80

FRINK'S SPECIAL FLAT SHADE.

Extra Bright Corrugated Metal, green outside, French finish, made with special reference to the proper diffusion of an even light. Including Adjustable Holder to fit any socket.



No. 2677.

No.	Diameter in Inches.	List Price per Dozen.	Net Price per Dozen.
2677	10	\$3 75	\$2 25
2678	12	5 00	3 00
2679	14	6 25	3 75
2680	16	8 35	5 00
2681	18	10 00	6 00
2682	20	13 50	8 10

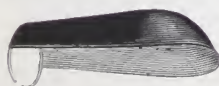
FLAT ALUMINUM SHADES.

As per Cut No. 2677.

No.	Diameter in Inches.	List Price per Dozen.	Net Price per Dozen.
2683	10	\$8 00	\$4 80
2684	12	10 00	6 00

TIN HALF SHADE.

Japanned green outside, white enameled inside.



No. 2685.

No.	List Price per Dozen.	Net Price per Dozen.
2685	\$4 00	\$2 40

ALUMINUM HALF SHADES.

As per Cut No. 2685.

No.	List Price per Dozen.	Net Price per Dozen.
2686	\$8 00	\$4 80

PARABOLIC ALUMINUM SHADES.



No. 2687.

No.	List Price per Dozen.	Net Price per Dozen.
2687 For 16-candle power lamp	\$8 00	\$4 80
2683 " 32 " "	10 00	6 00

IPFRINK NEW YORK



No. 2383.

FRINK'S ORCHESTRA LIGHT.

Made adjustable, so open or close, so that the degree of light can be regulated at will, or the light cut off entirely.

	Low Price.	Net Price.
1000. For 1 lamp.	\$1.00	\$0.80
1000. For 2 lamps.	1.50	1.20

FOOT-LIGHTS.

1000. General purpose glass or enamel of various colors.

BENCH LIGHTS.

With Porcelain Enamel.

Height in inches.	Distance to Screen in inches.	Number of Lamps.	Low Price.	Net Price.
24	36	2	\$1.50	\$1.20



PULPIT LIGHT.

1000. Glass.
1000. Enamel.
1000. Metal (Patent).

Low Price.	Net Price.
\$1.00	\$0.80
1.50	1.20
2.00	1.60



No. 2385. No Standard.



No. 2386. Standard to Desk.

DESK LIGHT.

1000. Glass or polished brass. To be attached to desk or standard.

No.	Low Price.	Net Price.
1000.	\$1.00	\$0.80
1000.	1.50	1.20



No. 2387. S.

1000.

FOOT-LIGHTS FOR SINGLE LAMP.

1000. General purpose glass or enamel.

Low Price per Foot.	Net Price per Foot.
\$1.00	\$0.80

FRINK'S SECTIONAL GLASS ELECTRIC CLUSTER REFLECTORS.

With 3 to 10 lights, lined with Frink's Silver-plated Corrugated Glass, the best known diffuser of light, should be generally used for lighting Stores, Banks, Waiting Rooms, Depots, Hospitals, Schools, Offices, Factories, etc.

To obtain best results from cluster lights, use 20½-inch Reflectors



No. 2698.
PLAIN.

REFLECTOR, with cluster, canopy, crow-foot, and 18-inch stem wired, complete without sockets:

No.	Diam. in Inches.	Glass.	No. of Lamps.	List Price Each.	Net Price Each.
2697	18	Silv. Corr.	3	\$6 00	\$3 60
2698	20½	"	4	6 75	4 05
2699	25	"	6	8 75	5 25
2700	30	"	8	11 50	6 90
2701	35	"	10	14 50	8 70



No. 2703.
BRASS BAND,
PLAIN OR
EMBOSSSED.

REFLECTOR, with cluster, canopy, crow-foot, and 18-inch stem wired, complete without sockets:

No.	Diam. in Inches.	Glass.	No. of Lamps.	List Price Each.	Net Price Each.
2702	18	Silv. Corr.	3	\$7 50	\$4 50
2703	20½	"	4	8 25	4 95
2704	25	"	6	11 00	6 60
2705	30	"	8	15 00	9 00
2706	35	"	10	20 00	12 00

Wired for sockets as indicated; if ordered for more or less sockets, add or deduct fifteen cents each, list.

For price of reflector, cluster and holder for ¼-inch iron or ½-inch brass pipe, deduct \$2.00 from list or \$1.20 from net price.

To order these parts only, add an "S" after the number, indicating complete fixture, thus, "2703 S" means a 20½-inch silvered corrugated glass reflector, cluster and holder for ¼-inch iron or ½-inch brass pipe (but no stem).

If so ordered, these fixtures will be furnished with nipple to take stalactite, as shown on cut No. 2779, page 21, at an additional cost of 25 cents list, 15 cents net.

Patented December 14, 1897.

J. P. FRINK NEW YORK

These chandeliers have solid metal frames, and are fixed with silver-plated (or gilded) glass or lead crystal to be set in, tightly held in place, making them far superior to the ordinary rigid reflection chandeliers, as there is no danger of the pieces loosening and falling on the heads of persons beneath, or with the oval shades, and now that we are able, by the aid of expensive machinery, to furnish at about the same price as the ordinary rigid reflection chandeliers, they are being specified by leading architects and engineers, and most where a reasonable price is paid.

No. 2122.
FLOR.



COLLECTION, with cluster, (except, prism ball, and 12 inch stem wood, complete without sockets.)

No.	Shade to Include	Glass	No. of Lamp	Lat Price Each.	Net Price Each.
2122	15	Best Mirror	5	\$2.15	\$2.40
2123	15 1/2	" "	5	2.50	2.75
2124	20	" "	5	2.50	2.75
2125	25	" "	5	3.25	3.50
2126	30	" "	10	3.50	3.75

No. 2114.
DRAIN BAND.
PLAIN
OR ENGRAVED.



COLLECTION, with cluster, (except, prism ball, and 12 inch stem wood, complete without sockets.)

No.	Shade to Include	Glass	No. of Lamp	Lat Price Each.	Net Price Each.
2114	15	Best Mirror	5	\$2.40	\$2.65
2115	15 1/2	" "	5	2.50	2.75
2116	20	" "	5	2.50	2.75
2117	25	" "	5	3.25	3.50
2118	30	" "	10	3.50	3.75

When the picture is indicated, it should be made as low as possible, add or deduct when necessary.

The price of reflection chandeliers and lanterns for 12 inch stem, or 14 inch stem pipe, deduct \$1.00 from \$2.00 or \$1.50 from \$2.50.

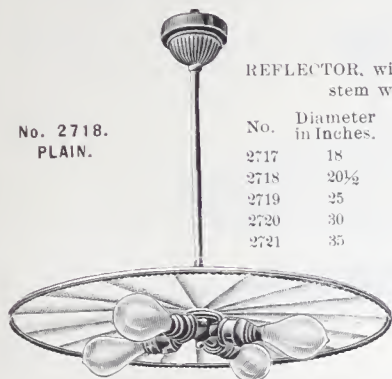
For extra metal parts, only add 25¢ when the number following complete glass ball "Prism" means a 10 1/2 inch lead silver glass reflection cluster and holder for 12 inch stem, or 14 inch stem pipe (see list above).

It is supposed, these fixtures will be furnished with simple to take shades, as all we can see No. 2114, page 12, at an additional cost of 25 cents lat., 12 cents net.

Published December 11, 1890.

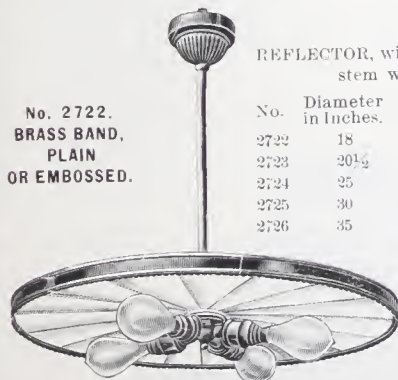
FRINK'S SECTIONAL GLASS ELECTRIC CLUSTER REFLECTORS—Continued.

No. 2718.
PLAIN.



REFLECTOR, with cluster, canopy, crow-foot, and 18-inch stem wired, complete without sockets :

No.	Diameter in Inches.	Glass.	No. of Lamps.	List Price Each.	Net Price Each.
2717	18	Opal	3	\$5 75	\$3 45
2718	20½	"	4	6 50	3 90
2719	25	"	6	8 50	5 10
2720	30	"	8	11 50	6 90
2721	35	"	10	15 00	9 00



No. 2722.
BRASS BAND,
PLAIN
OR EMBOSSED.

REFLECTOR, with cluster, canopy, crow-foot, and 18-inch stem wired, complete without sockets :

No.	Diameter in Inches.	Glass.	No. of Lamps.	List Price Each.	Net Price Each.
2722	18	Opal	3	\$7 00	\$4 20
2723	20½	"	4	7 50	4 50
2724	25	"	6	9 50	5 70
2725	30	"	8	12 50	7 50
2726	35	"	10	17 00	10 20

Wired for sockets as indicated ; if ordered for more or less sockets, add or deduct fifteen cents each, list.

For price of reflector, cluster, and holder for ¼-inch iron or ½-inch brass pipe, deduct \$2 00 from list or \$1.20 from net price.

To order these parts only, add an "S" after the number indicating complete fixtures, thus: "2723 S" means a 20½-inch opal glass reflector, cluster and holder for ¼ inch iron or ½-inch brass pipe (but no stem).

If so ordered, these fixtures will be furnished with nipple to take stalactite, as shown on cut No. 2779, page 21, at an additional cost of 25 cents list and 15 cents net.

Patented December 14, 1897.

BRIGHT CORRUGATED METAL CLUSTER REFLECTOR.

Designed for use where a cheaper and durable cluster reflector is needed.



No. 2727.

No.	Diameter in Inches.	Number of Lamps.	List Price.	Net Price.
2727	20½	4	\$5 00	\$3 00

Price includes reflector, canopy, crow-foot, cluster, and stem wired,
but no sockets or lamps.

PARABOLIC REFLECTOR.



No. 2728.

Prices given on application.

FRINK'S COMBINATION CLUSTER REFLECTOR.

Length, 30 inches; wired, without
sockets or lamps.

With four gas burners and wired
for four sockets; if ordered for more
or less sockets, add or deduct fifteen
cents each, list.



No. 2729.

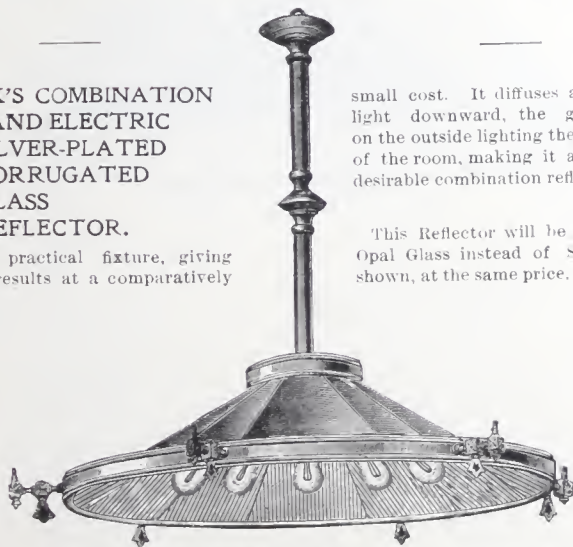
No.	Diam. Reflector in Inches.	Entire Spread in Inches.	Glass.	List Price Each.	Net Price Each.
2729	20½	23	Silvered Corrugated	\$11 00	\$6 60
2730	20½	23	Best Mirror	10 00	6 00
2731	20½	23	Opal	10 00	6 00

FRINK'S COMBINATION GAS AND ELECTRIC SILVER-PLATED CORRUGATED GLASS REFLECTOR.

A truly practical fixture, giving
splendid results at a comparatively

small cost. It diffuses a powerful
light downward, the gas burners
on the outside lighting the upper part
of the room, making it a cheap and
desirable combination reflector.

This Reflector will be made up in
Opal Glass instead of Silvered, as
shown, at the same price.



No. 2736.

No.	Diameter in Inches.	No. of Electric Lamps.	No. of Gas Burners.	Combination. List.	Net.
2732	22	3	6	\$27 00	\$13 50
2733	25	4	6	31 00	15 50
2734	30	6	6	40 00	20 00
2735	35	8	6	50 00	25 00
2736	40	10	6	60 00	30 00
2737	50	16	7	80 00	40 00
2738	60	24	8	100 00	50 00
2739	72	30	9	135 00	67 50

SINGLE CONE DEEP REFLECTOR.

Opal Glass. A very practical fixture at a low price.



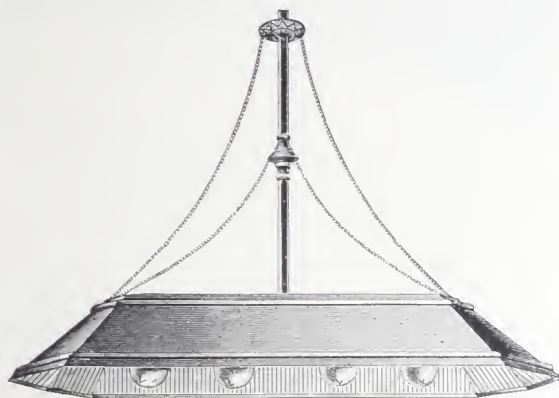
No. 2743.

No.	Transmitted in Foot-candle.	Number of Lamps.	List Price.	Net Price.
2739	75	3	\$39 00	\$28 50
2741	75	4	52 50	37 25
2742	100	6	60 00	42 00
2743	100	8	67 50	47 75
2744	40	10	45 00	32 50
2745	100	16	69 00	49 00
2746	100	24	76 50	54 25
2747	75	30	112 50	80 25

This Reflector will be made up with Silver-plated Corrugated Glass at same price as with Opal Glass.

FRINK'S SILVER-PLATED CORRUGATED GLASS SHOW
WINDOW REFLECTOR, FOR ELECTRIC LIGHT.

For Store Windows, over tables, or general use where a strong downward
light is desired. Finished in bronze.



No. 2750.

No.	Length in Inches.	No. of Electric Lamps.	List Price, Octagon Ends, 17½ inches wide.	Net Price, Octagon Ends, 17½ inches wide.
2748	24	2	\$16 00	\$8 00
2749	30	4	19 00	9 50
2750	36	4	22 00	11 00
2751	42	6	25 00	12 50
2752	48	6	28 00	14 00
2753	54	8	31 00	15 50
2754	60	8	34 00	17 00
2755	72	10	40 00	20 00

No.	Length in Inches.	No. of Electric Lamps.	List Price, Square Ends, 13½ inches wide.	Net Price, Square Ends, 13½ inches wide.
2748A	24	2	\$12 00	\$6 00
2749A	30	4	15 00	7 50
2750A	36	4	18 00	9 00
2751A	42	6	21 00	10 50
2752A	48	6	24 00	12 00
2753A	54	8	27 00	13 50
2754A	60	8	30 00	15 00
2755A	72	10	36 00	18 00

We will make this Reflector up in Opal Glass instead of Silvered, at the
same price as quoted above.

STORE WINDOW LIGHTING.

Ninety-nine per cent. of store windows are imperfectly lighted, and especially so when electric lamps are used. Most of the lamps are scattered on the bottom sill at the sides of the windows where they can be seen by lookers-on, and where they attract more attention to themselves than to the goods they are imperfectly lighting. The ideal window light should light the goods and not be seen while doing so.

Frink's Special Patent Window Reflector,

for Electric Light, fixed with Silver-plated Corrugated Glass, is placed in top of window near the front glass, reflecting the light inward and downward. This makes a very desirable window reflector, as the reflectors are up out of the way and concealed from view, at the same time concealing the direct light from the eyes of the observer, and giving a strong, even light down where wanted, thus doing away with the annoyance of a dazzling light in the eyes. We strongly recommend this style of reflector as the very best store window light in existence, and it has been adopted by the leading stores in the principal cities of the United States. It is largely used also for lighting Art Galleries, Picture, Music Exchange Rooms, Boyer Lights, Telephone Switch Boards, etc.

To GET BEST RESULTS, REFLECTORS SHOULD BE USED ENTIRE WIDTH OF WINDOW WITH LAMPS 3 OR 12 INCHES APART, AS DESIRED.



Glass, No. 2755.

Metal, No. 2757.

Suspended from ceiling with one or more chains as required.

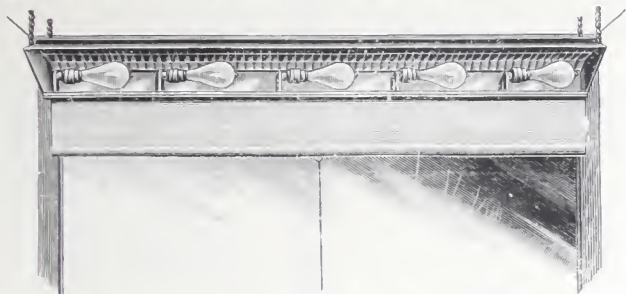
Weight for, but not including sockets or lamps.

		Net Price per Running Foot.	Net Price per Running Foot.
2755	Lined with Silver-plated Corrugated Glass	\$4 00	\$2 20
2757	Single Corrugated Metal	2 00	1 80

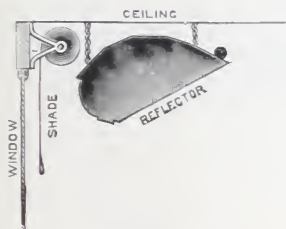
Patented April 26, 1882, No. 268,000



FRINK'S SPECIAL PATENT WINDOW REFLECTOR.



Glass No. 2756 A. Metal No. 2757 A.



Glass No. 2756 A.
Metal No. 2757 A.

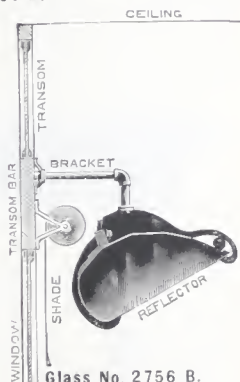
With loops to attach to ceiling
with chain.

No.

2756 A	Lined with Silver-plated Corrugated Glass
2756 B	Lined with Silver-plated Corrugated Glass
2757 A	Bright Corrugated Metal
2757 B	Bright Corrugated Metal

To get the best results, reflectors should be used the entire width of windows,
with lamps 9 or 12 inches apart as desired.

Wired for, but not including sockets or lamps



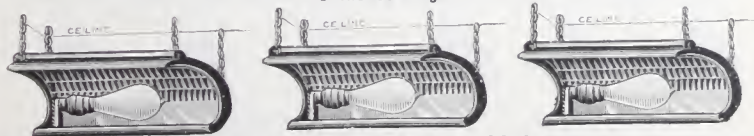
Glass No. 2756 B.
Metal No. 2757 B.

With adjustable brackets to attach
to the transom bar.

List Price per Running Ft.	Net Price per Running Ft.
\$3 50	\$2 10
4 00	2 40
2 50	1 50
3 00	1 86

FRINK'S SPECIAL PATENT SINGLE LAMP WINDOW REFLECTOR.

9 inches long.



Glass No. 2758. Metal No. 2759.

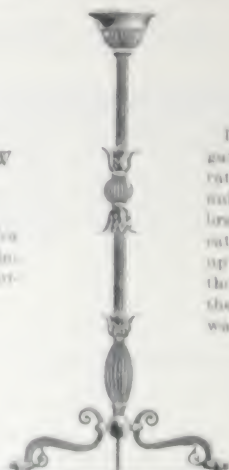
No.	Lined with Silver-plated Corrugated Glass
2758	Lined with Silver-plated Corrugated Glass
2759	Bright Corrugated Metal

List Price.	Net Price.
\$2 75	\$1 65
1 75	1 05

Patented April 20, 1897. No. 581,093.

FRINK'S PICTURE OR WINDOW REFLECTOR.

As economical reflector for
lighting Pictures or Store Win-
dows where more elaborate fit-
tings are desired.



Lined with Silver plated Corru-
gated Glass, handsomely deco-
rated, with embossed brass back,
finished in polished or antique
brass, or to match interior deco-
rations. This reflector is made
up on special angles, and gives a
thorough and even diffusion of
the light, directed just where
wanted.



No. 2760.

No.	Description	Last Price per Foot	Net Price per Foot
2760	As used, no sockets or lamps	\$15.00	\$9.00

Patented April 20, 1887.

POLISHED BRASS WINDOW BAR.



No. 2761.

No.	Height in Inches	Length in Inches	Last Price	Net Price
2761	30	36	\$25.00	\$17.00
2762	36	48	\$35.00	\$27.00

Price does not include the shades. The longer bar will be arranged for seven 10 inch shades, and the shorter one for six. For prices of shades see page 5.

FRINK'S SPECIAL SHOW CASE REFLECTOR.

For the effective lighting of Show Cases.



No. 2764.

Wired for, but not including sockets or lamps.

No.		List Price per Foot.	Net Price per Foot
2763	Bright Corrugated Tin	\$2 00	\$1 20
2764	Silver-plated Corrugated Glass	3 00	1 80
2765	Opal Glass	2 75	1 65

FRINK'S ELECTRIC BILLIARD SHADE.

Throws a powerful light where required, at the same time concealing the direct light from the eyes.

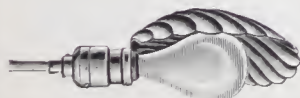


No. 2767.

No.	Diameter in Inches.		List Price Each.	Net Price Each.
2766	7	Silver-plated Corrugated Glass	\$1 70	\$1 02
2767	10	" " " "	1 90	1 14
2768	7	Green Enameled outside, White inside	40	24
2769	10	" " " "	55	33

COCKLE SHELL REFLECTOR.

Nickel-plated.

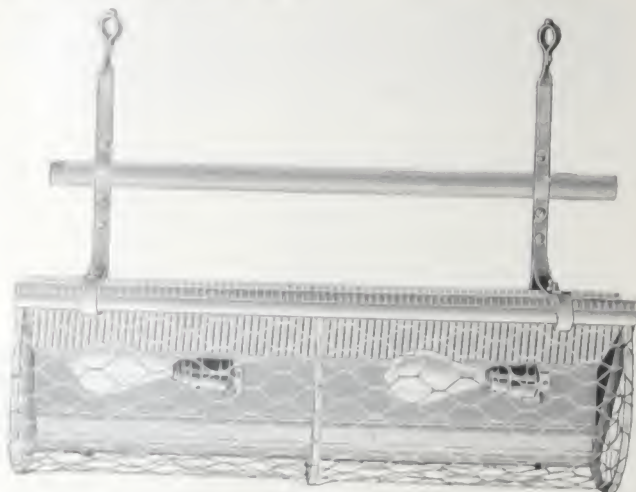


No. 2770.

No.	List Price.	Net Price.
2770	\$1 00	60c.

FRINK'S BORDER LIGHT.

Of extra Bright Corrugated Metal, with wire guard, strongly made on special angles, and with strict regard to the reflection of light; wired ready for but not including sockets or lamps.



No. 2771.

No.
2771

Electric only

List Price
per Foot.
\$2 50

Net Price
per Foot.
\$1 50



No. 2772

No.
2772

Combination Gas and Electric

List Price
per Foot.
\$3 50

Net Price
per Foot.
\$2 10

FRINK'S SECTIONAL GLASS REFLECTOR,

With Brass Corona, making a handsome finish. Polished or Old Brass as desired. For Banks, Office and Public Buildings, Stores, and general use.



No. 2779.

No.	Reflector, Diam. in Inches.	Spread of Corona in Inches.	No. of Lamps.	Glass	List Price.	Net Price.
2773	18	22½	3	Silver-plated Corr.	\$18 75	\$11 25
2774	18	22½	3	Mirror	18 25	10 95
2775	18	22½	3	Opal	18 25	10 95
2776	20½	25	4	Silver-plated Corr.	20 75	12 45
2777	20½	25	4	Mirror	20 25	12 15
2778	20½	25	4	Opal	20 25	12 15
2779	25	30	6	Silver-plated Corr.	25 25	15 15
2780	25	30	6	Mirror	24 25	14 55
2781	25	30	6	Opal	24 25	14 55

Will be arranged for stalactite, unless otherwise ordered.

Nipple to take stalactite will be omitted at a reduction in cost of 25 cents list, 15 cents net.

Patented December 14, 1897.

DOME CEILING LIGHT,

With or without Silver-plated Corrugated Glass Reflector, with ground glass or opalescent dome and handsome brass setting.



No. 2783.

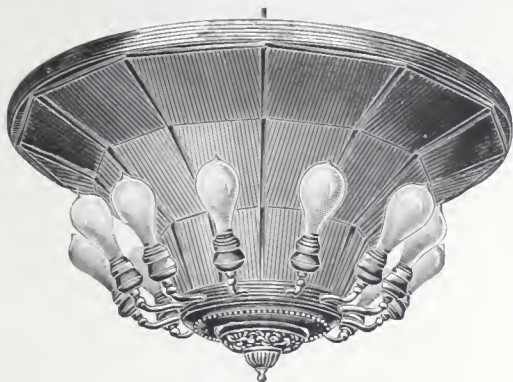
No.	Diameter of Dome in inches	No. of Lamps	List Price with Reflector	Net Price with Reflector
2782	25	8	\$40.00	\$24.00
2783	20	6	28.00	17.40
2784	18	4	25.15	15.00

No.	Diameter of Dome in inches	Number of Lamps	List Price without Reflector	Net Price without Reflector
2785	25	8	\$35.00	\$21.00
2786	20	6	25.00	15.00
2787	18	4	22.00	12.20
2788	16	3	18.00	10.80
2789	14	2	16.00	9.60
2790	12	2	14.00	8.42
2791	10	1	12.00	7.20

Patented December 14, 1892.

SPECIAL REFLECTING FIXTURES

FOR DRAWING ROOMS, MUSIC ROOMS, ART GALLERIES, ETC.



No. 2793.

Center Light Reflector, made up on special lines, showing several angles, lined with Silver-plated Corrugated or Opal Glass and finished in polished or antique brass, as preferred, with ornamental brass plate on bottom. For lighting Drawing Rooms, Music Rooms, Art Galleries, etc., where the pictures are to be lighted from a center fixture, insuring an even and thorough distribution of the light and giving the best results attainable.

No.	Diameter in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2792	25	10	\$75 00	\$37 50
2793	30	12	90 00	45 00

Special Center Fixture, for general use where it is desirable to have a strong light throughout the room, with the lights concealed from view. This fixture contains a powerful reflector, similar to that shown in cut No. 2159 above, which evenly diffuses a strong but subdued light, soft and pleasing in its effect. The reflector and lights are concealed from the eye by a glass dome. It is finished with brass band, and has a very handsome,



No. 2794.

richly finished cast brass plate on bottom. Any soft shade of glass is pretty, or we can make the dome of etched glass, if desired, and the brass work will be finished in polished, antique, or any finish selected.

PRICES AND PARTICULARS ON APPLICATION.

FRINK'S SUSPENDED SINGLE CONE SILVER-PLATED
CORRUGATED GLASS REFLECTOR.

Finished with figured brass band and trimmed with one row of cut-glass prisms.

A very neat and pretty fixture.



No 2795.

No.	Diameter in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2795	20	4	\$22 00	\$12 10
2796	25	6	30 00	16 50
2797	30	8	40 00	22 00
2798	35	10	50 00	27 50
2799	40	12	60 00	33 00

If preferred, this Reflector will be made up in Opal at same price.

FRINK'S SUSPENDED SINGLE CONE SILVER-PLATED
CORRUGATED GLASS REFLECTOR.

Finished with figured brass band. For Halls, Lecture Rooms, Schools,
Gymnasiums, or Churches.



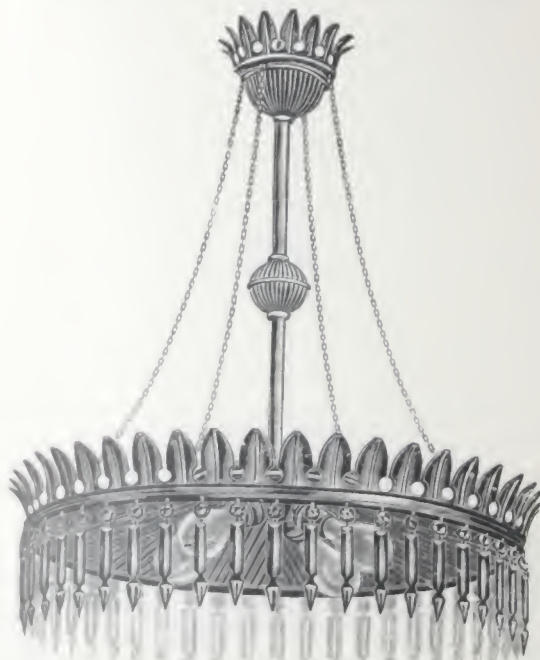
No. 2800.

No.	Diameter in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2800	20	4	\$16 00	\$8 80
2801	25	6	22 50	12 38
2802	30	8	30 00	16 50
2803	35	10	37 50	20 63
2804	40	12	45 00	24 75

If preferred, this Reflector will be made up in Opal Glass at same price.

FRINK'S SINGLE CONE SILVER-PLATED CORRUGATED
GLASS REFLECTOR.

Finished with brass crown bands and trimmed with one row of cut-glass
prisms. A very pretty and inexpensive fixture.



No 2805.

No.	Diameter in inches.	No. of Electric Lamps	List Price	Net Price.
2805	20	4	\$26 00	\$14 30
2806	25	6	35 00	19 25
2807	30	8	43 00	23 65
2808	35	10	60 00	33 00
2809	40	12	75 00	41 25

If preferred, this Reflector will be made up in Opal Glass at same price.

FRINK'S SINGLE CONE SILVER-PLATED CORRUGATED
GLASS REFLECTOR.

Finished with brass crown bands.



No. 2810.

No.	Diameter in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2810	20	4	\$20 00	\$11 00
2811	25	6	27 50	15 13
2812	30	8	33 00	18 15
2813	35	10	47 50	26 13
2814	40	12	60 00	33 00

If preferred, this Reflector will be made up in Opal Glass at same price.

FRINK'S
SUSPENDED DOUBLE CONE SILVER-PLATED CORRUGATED
GLASS PRISMATIC REFLECTOLIER.

Trimmed with one row of cut-glass prisms, and finished with polished brass border. A very tasty design at a moderate price.



No. 2817.

No.	Diameter in Inches	Number of Electric Lamps.	List Price as Shown.	Net Price as Shown.	List Price without Prisms.	Net Price without Prisms.
2815	25	10	\$40 00	\$20 00	\$30 00	\$15 00
2816	30	14	53 00	26 50	40 00	20 00
2817	35	16	65 00	32 50	50 00	25 00
2818	40	18	80 00	40 00	60 00	30 00
2819	50	27	110 00	55 00	80 00	40 00
2820	60	36	140 00	70 00	100 00	50 00
2821	72	45	200 00	100 00	150 00	75 00
2822	84	60	260 00	130 00	200 00	100 00

These Reflectors will be made up in Opal instead of Silver-plated Corrugated Glass, if preferred, at same price.

Price includes wiring, but no sockets or lamps.

551 PEARL ST.

I. P. FRINK

NEW YORK

**FRINK'S SUSPENDED DOUBLE CONE SILVER-PLATED
CORRUGATED GLASS, BRASS FRAME REFLECTING CHANDELIER
FOR ELECTRIC LIGHT.**

For lighting Churches, Halls, Theatres, and Public Buildings generally. Trimmed with one row cut glass prisms, finished with brass crown bands and having outside lights. A first-class fixture in every respect.



No. 2825.

No.	Diameter in Inches.	Number of Electric Lamps.	List Price as Shown.	Net Price as Shown.	List Price without Prisms.	Net Price without Prisms.
2823	25	10	\$49 00	\$24 50	\$39 00	\$19 50
2824	30	14	64 00	32 00	51 00	25 50
2825	35	16	78 00	39 00	63 00	31 50
2826	40	18	95 00	47 50	75 00	37 50
2827	50	27	130 00	65 00	100 00	50 00
2828	60	36	165 00	82 50	125 00	62 50
2829	72	45	233 00	116 50	183 00	91 50
2830	84	60	300 00	150 00	240 00	120 00

These Reflectors will be made up in Opal instead of Silver-plated Corrugated Glass, if preferred, at same price.

Price includes wiring, but no sockets or lamps.

FRINK'S
SUSPENDED DOUBLE CONE SILVER-PLATED CORRUGATED
GLASS REFLECTOR.

Finished with Figured Brass Bands. Gas, Electric and Combination Lights. For Lighting Churches, Halls, Stores, Offices, Schools, Public Buildings, and General Use

When ordered Straight Electric or Combination, fixtures are wired ready for but do not include electric lamps or sockets.

These Reflectors will be made up in Opal Glass, if preferred, at the same price.



No. 2835.

No.	Diameter in Inches.	No. of Gas Burners.	No. of Electric Lamps.	List Price, Gas or Electric.	Net Price, Gas or Electric.	List Price, Com- bination.	Net Price, Com- bination.
2831	22	6	4	\$25 00	\$12 50	\$32 50	\$19 50
2832	25	8	6	30 00	15 00	39 00	23 40
2833	30	10	8	40 00	20 00	52 00	31 20
2834	35	12	10	50 00	25 00	65 00	39 00
2835	40	20	12	60 00	30 00	78 00	46 80
2836	50	30	20	80 00	40 00	104 00	62 40
2837	60	36	30	100 00	50 00	130 00	78 00
2838	72	48	36	150 00	75 00	195 00	117 00
2839	84	60	52	200 00	100 00	260 00	156 00
2840	96	80	64	300 00	150 00	390 00	234 00

FRINK'S
SUSPENDED DOUBLE CONE SILVER-PLATED CORRUGATED
GLASS REFLECTOR.

Finished with Brass Crown Bands, making an attractive fixture at a moderate cost. Suitable for lighting Churches, Halls, and general use.

When ordered Straight Electric or Combination, fixtures are wired ready for but do not include electric lamps or sockets.

These Reflectors will be made up in Opal Glass, if preferred, at same price.



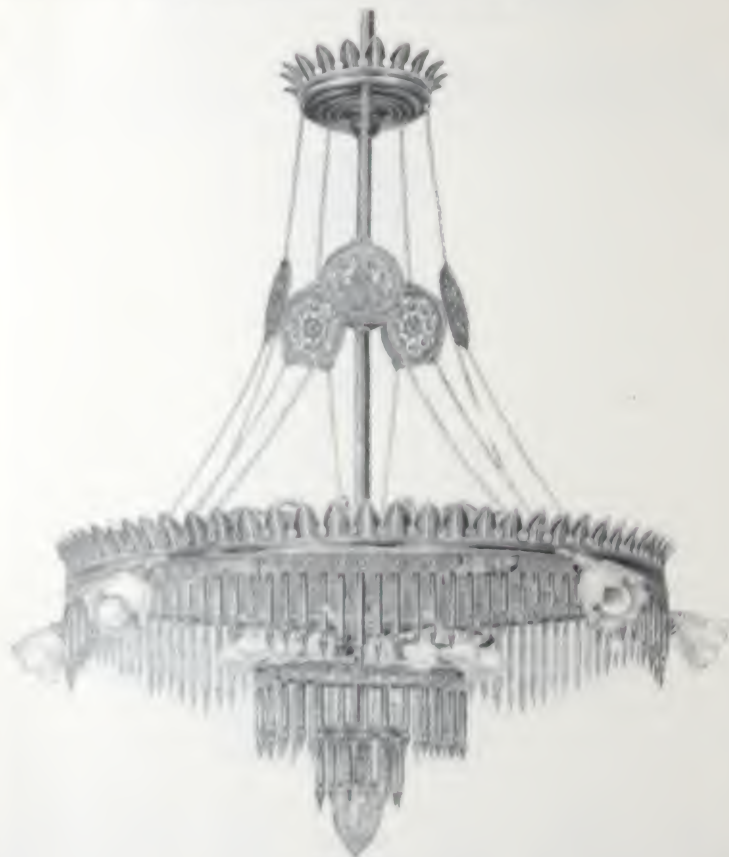
No. 2844.

No.	Diameter in Inches.	No. of Gas Burners.	No. of Electric Lamps.	List Price, Gas or Electric.	Net Price, Gas or Electric.	List Price, Com- bination.	Net Price, Com- bination.
2841	30	10	8	\$51 00	\$25 50	\$63 75	\$31 87
2842	35	16	10	63 00	31 50	78 75	39 37
2843	40	20	12	75 00	37 50	93 75	46 87
2844	50	30	20	100 00	50 00	125 00	62 50
2845	60	36	30	125 00	62 50	156 25	78 12
2846	72	48	36	183 00	91 50	228 75	114 37
2847	84	60	52	240 00	120 00	300 00	150 00
2848	96	80	64	350 00	175 00	437 50	218 75

FRANK'S SUSPENDED DOUBLE CONE PRISMATIC REFLECTOR.

Silver-plated Corrugated Glass, with outside lights.

Richly trimmed with three rows of cut glass prisms, with etched stalaetite on bottom containing electric lamp, finished with brass crown border and ivory chains. A very handsome and ornamental fixture.

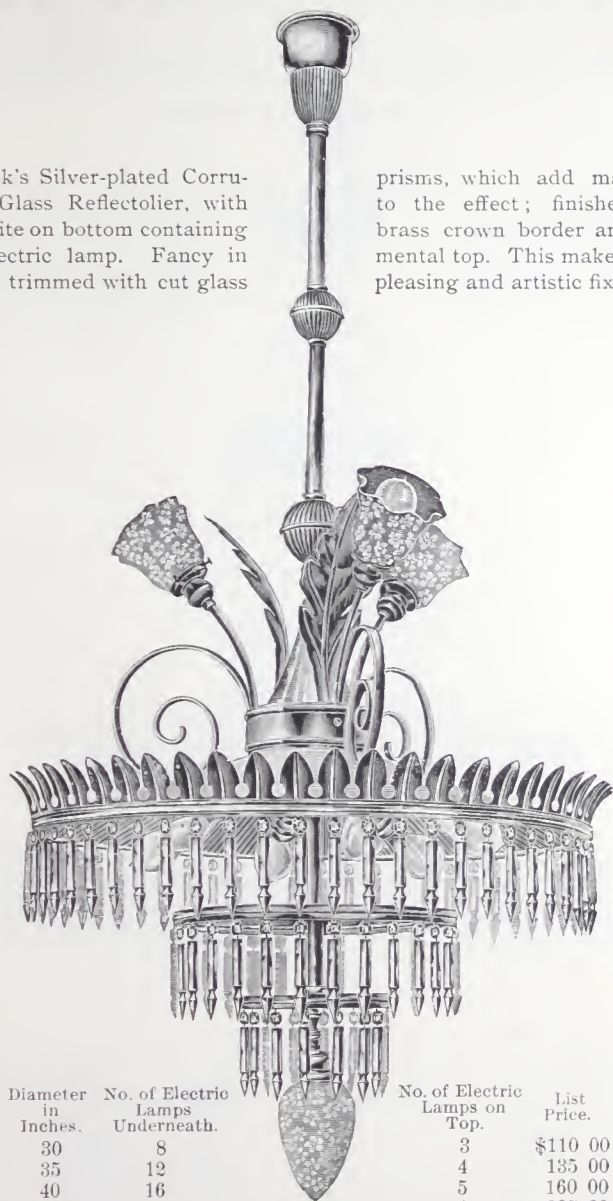


No. 2850.

No.	Height to Bottom	No. of Glass Prisms	No. of Electric Lamps	List Price, Glass Prisms	Net Price, Glass Prisms	List Price, Complete	Net Price, Complete
2850	48	28	20	\$150 00	\$75 00	\$180 00	\$90 00
2851	54	36	28	200 00	100 00	240 00	120 00
2852	60	48	36	250 00	125 00	300 00	150 00
2853	72	64	48	325 00	162 50	390 00	195 00

Frink's Silver-plated Corrugated Glass Reflectolier, with Stalactite on bottom containing one electric lamp. Fancy in design, trimmed with cut glass

prisms, which add materially to the effect; finished with brass crown border and ornamental top. This makes a very pleasing and artistic fixture.



No.	Diameter in Inches.	No. of Electric Lamps Underneath.	No. of Electric Lamps on Top.	List Price.	Net Price.
2853	30	8	3	\$110 00	\$55 00
2854	35	12	4	135 00	67 50
2855	40	16	5	160 00	80 00
2856	50	24	6	225 00	112 50
2857	60	30	7	300 00	150 00

No. 2853.

155 N. 4TH ST.

I. P. FRINK

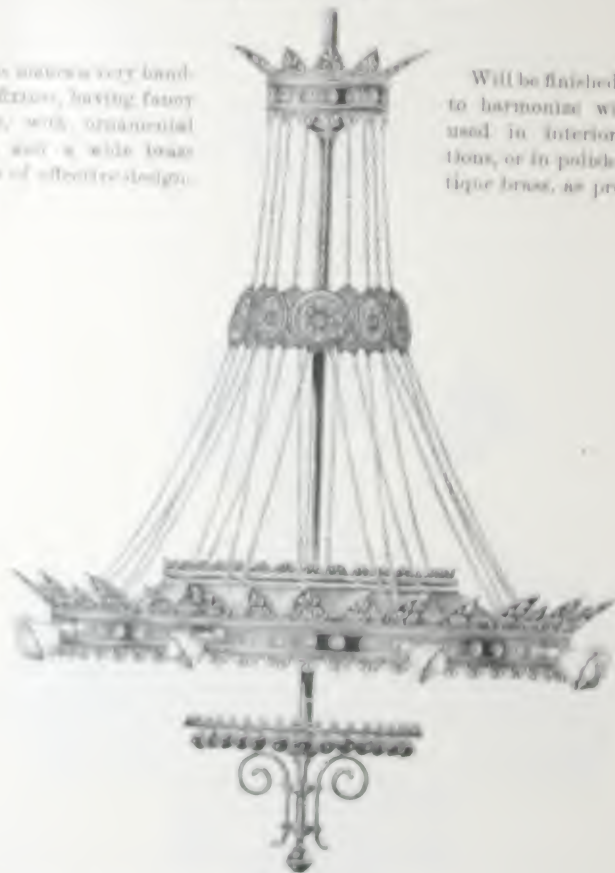
NEW YORK

FRINK'S SUSPENDED DOUBLE CONE REFLECTING CHANDELIER.

Silver-plated Corrugated Glass.

This makes a very handsome chandelier, having fancy chains, with ornamental rings, and a wide base border of effective design.

Will be finished in colors to harmonize with those used in interior decorations, or in polished or antique brass, as preferred.



No. 2861.

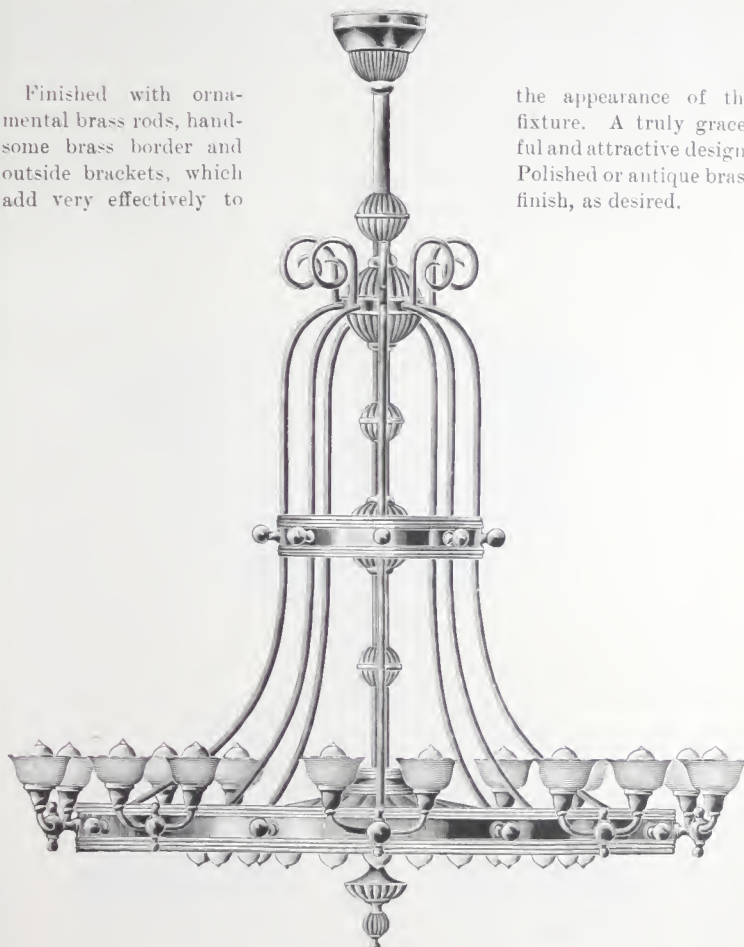
No.	Diameter of Lenses	No. of Glass Surfaces	No. of Decorative Lamps	List Price, Gas or Electric.	Net Price, Cost of Electric.	List Price, Cash Location.	Net Price, Cash Location.
2861	40	30	18	\$110 00	\$55 00	\$132 00	\$66 00
2862	50	30	24	154 00	77 00	185 00	92 50
2863	60	30	32	198 00	99 00	238 00	119 00
2864	70	30	40	242 00	121 00	289 00	144 50
2865	80	30	48	286 00	143 00	340 00	170 00
2866	90	30	56	330 00	165 00	391 00	195 50
2867	100	30	64	374 00	187 00	442 00	221 00
2868	110	30	72	418 00	209 00	493 00	246 50
2869	120	30	80	462 00	231 00	544 00	272 00
2870	130	30	88	506 00	253 00	595 00	297 50

FRINK'S SUSPENDED REFLECTING CHANDELIER,

With Powerful Double Cone Silver-plated Corrugated Glass Reflector.

Finished with ornamental brass rods, handsome brass border and outside brackets, which add very effectively to

the appearance of the fixture. A truly graceful and attractive design. Polished or antique brass finish, as desired.



No. 2867.

No.	Diameter in Inches.	No. of Electric Lamps Underneath.	No. of Electric Lamps Outside.	List Price.	Net Price.
2865	40	12	12	\$120 00	\$60 00
2866	50	16	14	168 00	84 00
2867	60	20	16	216 00	108 00
2868	72	30	18	300 00	150 00
2869	84	40	20	390 00	195 00
2870	96	58	22	540 00	270 00

Frink's Suspended Ornamental Electrolier, richly finished in brass, with fancy scrolls, leaves, etc. An attractive and graceful fixture of pleasing design.



No. 2871.

No.	Height in Inches.	Spread in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2871	45	48	24	\$150 00	\$75 00
2872	50	60	36	225 00	112 50

FRINK'S PRISMATIC SUN LIGHT.

This fixture is particularly adapted to, and is largely used for lighting and ventilating the best class of Churches and Theatres. It is inserted in the ceiling, acting as a perfect ventilator, and being above the line of vision, the view of the stage is not intercepted from the highest seat in the gallery. It contains a powerful Double Cone Reflector, which thoroughly illuminates the auditorium, is trimmed with cut glass prisms and prismatic chains, and handsomely decorated in colors. The handsomest and most appropriate fixture in use for lighting a Theatre or Music Hall.



No. 2873.

No.	Spread in Inches.	Reflector, Diam in Inches.	No. of Electric Lamps.	List Price with Corona.	Net Price with Corona.	List Price without Corona.	Net Price without Corona.
2873	36	25	10	\$100 00	\$50 00	\$75 00	\$37 50
2874	43	30	12	125 00	62 50	100 00	50 00
2875	48	35	14	155 00	77 50	125 00	62 50
2876	54	40	16	190 00	95 00	150 00	75 00
2877	66	50	23	285 00	142 50	225 00	112 50
2878	78	60	36	380 00	190 00	300 00	150 00
2879	94	72	45	500 00	250 00	400 00	200 00
2880	112	84	54	675 00	337 50	550 00	275 00
2881	130	96	75	850 00	425 00	700 00	350 00
2882	150	108	100	1,075 00	537 50	900 00	450 00
2883	170	120	150	1,425 00	712 50	1,200 00	600 00

FRINK'S INSERTED PRISMATIC REFLECTOR.

Double cone, Silver-plated Corrugated Glass, with decorated corona, finished with one row of cut-glass prisms. This Reflector has the advantage of being entirely above the line of vision; and, where there are galleries, it does not obstruct the view from the highest seat therein. It is particularly adapted to some buildings and gives a brilliant light.



No. 2884.

No.	Spread in Inches.	Diameter of Reflector in Inches.	Number of Electric Lamps.	List Price with Prisms.	Net Price with Prisms.	List Price without Prisms.	Net Price without Prisms.
2884	36	25	8	\$65 00	\$32 50	\$55 00	\$27 50
2885	43	30	10	78 00	39 00	65 00	32 50
2886	48	35	12	95 00	47 50	80 00	40 00
2887	54	40	20	120 00	60 00	100 00	50 00
2888	66	50	24	170 00	85 00	140 00	70 00
2889	78	60	30	220 00	110 00	180 00	90 00
2890	94	72	40	300 00	150 00	250 00	125 00
2891	112	84	50	385 00	193 50	325 00	162 50
2892	130	96	60	520 00	260 00	450 00	225 00
2893	150	108	80	655 00	327 50	575 00	287 50
2894	170	120	100	915 00	457 50	825 00	412 50

CRYSTAL HANGING FIXTURE.

An elaborate and very handsome fixture, richly trimmed with cut-glass prisms and prismatic chains, making a particularly effective electric fixture.



No. 2896.

No.	Spread in Inches.	Length in Inches.	No. of Electric Lamps.	List Price.	Net Price.
2895	18	30	3 to 6	\$120 00	\$72 00
2896	25	40	4 to 8	150 00	90 00
2897	30	48	6 to 10	180 00	108 00

FRINK'S IMPROVED STREET FIXTURES.

They Excel All Others.

No. 2898.



No. 2899.



No. 2901.



No. 2900.



No. 2902.

PERFECTLY WATER TIGHT.

Prices on next page.

FRINK'S IMPROVED STREET FIXTURES.

Furnished complete as shown in cut with 3 or 4-foot gooseneck as ordered, made of $\frac{3}{4}$ -inch pipe, 16-inch hood, and $14\frac{1}{2}$ -inch reflector, well painted, fitted for $\frac{1}{8}$ or $\frac{3}{8}$ -inch socket. Shipped for $\frac{3}{8}$ -inch and 3-foot gooseneck unless ordered otherwise.

The hood is held between two concaved STEEL WASHERS, making it impossible to work loose by the action of the wind. It is hinged, detachable, and made of heavy tin.

The thumbscrews that fasten the lower hood or reflector are set in from the edge of the upper hood, thus avoiding a path for water and rust from the ironwork above across the white surface of the lower hood, as is the case in hoods of other manufacture.

No. 2898 is furnished with glass insulators on a MOVABLE yoke, which always keeps the grooves in line with the wires.

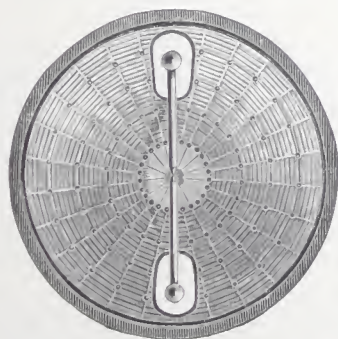
No. 2899 is furnished with porcelain insulators bolted to the branch.

No. 2900 is furnished with porcelain knobs bolted to the outside of umbrella.

The cut also shows an INSULATING branch as shown by ARROW, which can be used on the fixtures, the insulating bushing being made of vulcanized fibre which screws onto the pipe underneath the umbrella, thus insulating the entire lower part of the fixture from the pipe.

No.		List Price.	Net Price.
2898	Fixture without socket or lamp	\$3 25	\$1 95
2899	Fixture without socket or lamp	2 75	1 65
2900	Fixture without socket or lamp	2 90	1 75
2901	Insulating branch	35	21
2902	Reflector and hood only	1 00	60

PARABOLIC REFLECTOR.

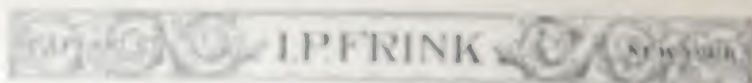


No. 2903.

For focusing Arc Lights.

Lined with Silver-plated Corrugated Glass in sections.

No.	List Price.	Net Price.
2903	\$40 00	\$20 00



FRINK'S COMBINATION ELECTRIC SECTIONAL GLASS
CLUSTER REFLECTOR AND GAS PENDANT.

For Schools, Churches, Offices, Stores, Etc.

Adopted by the Board of Education, and from one hundred and fifty to
one hundred and fifty are used in each of the new schools in New York.



Length 30 inches. Spread 30 inches. 2 Gas, 4 Electric.

	Gas Price	Electric Price
1000. With 24-inch glass sectional glass reflector.	\$15.00	\$4.00
1000. With 24-inch glass sectional glass reflector and 24-inch glass pendant.	15.00	8.00

To the Editor, New York: We have the pleasure to inform you that our new and improved sectional glass reflector and cluster with
gas and electric lights are now ready for sale at the low price of \$15.00 per set. The price of the gas and electric lights is as follows:

	Gas Price	Electric Price
1000. With 24-inch glass sectional glass reflector and cluster.	\$4.00	\$8.00
1000. With 24-inch glass sectional glass reflector and 24-inch glass pendant.	4.00	8.00

ELECTRIC SIGNS.

The information given on illuminated sign letters in the following table, is merely a guide to prospective purchasers as to the approximate consumption of current and cost of any proposed sign, and is not intended as a definite price list. The information given is sufficiently accurate to apply to ordinary cases ; but where certain combinations of letters are used, the prices would necessarily deviate somewhat ; for instance, a sign embodying an unusual number of letters such as " M " or " W " would bring the general averages for that sign rather above the tabulated figures, and a sign embracing a number of letters such as " I " or " L " would bring it below tabulated figures.

When so requested, we will be glad at any time to submit designs and quote definite prices upon any style of sign desired, either in plain block, script or fancy lettering, and with letters unmounted, or complete and mounted upon an iron framework or solid sign-board, as desired.

Plain Block Letters—Standard Type of Construction.

Ready to Mount on Framework or Signboard.

No.	Height of Letter, in inches.	Average No. per Letter.	LAMPS.		AVERAGE PRICE PER LETTER.	
			Style and Candle Power.	Wiring	Extra Grade One. List.	Extra Grade One. Net.
2904	10 and 12	10	8 C. P. Miniature.	Mult.	\$19 00	\$11 40
2905	15	11	" "	"	20 25	12 15
2906	15	10	8 or 10 C. P. Standard	"	17 25	10 35
2907	18	11	" " "	"	18 50	11 10
2908	20	12	" " "	"	19 75	11 85
2909	24	12½	" " "	"	22 00	13 20
2910	30	13	" " "	"	28 00	16 80
2911	36	14	" " "	"	33 50	20 10

		LETTERS				Average Price per Letter		
No.	Height of Letter in Inches	Average No. per Letter	Style and Casting Point			Setting	Grade One Lin.	Grade Two Set.
1002	10 and 12	10	A. P. P. Miscellaneous			Mail	\$17.75	\$10.00
1003	13	11	— — — —			—	19.00	11.00
1004	14	10	A. P. P. Standard			—	18.00	9.00
1005	16	11	—	—	—	—	17.25	10.00
1006	20	12	—	—	—	—	18.50	11.10
1007	24	12 1/2	—	—	—	—	20.75	12.40
1008	30	13	—	—	—	—	25.00	15.00
1009	36	14	—	—	—	—	29.25	17.00

ELECTRIC SIGNS.

Plain Block Letter—“Flash-Letter” Type of Construction.

No.	Height of Letter in Inches	Average No. per Letter	Letters		At Price per Letter	
			Style and Casting Point	Setting	Grade One Lin.	Grade Two Set.
1009	12	11	A. P. P. Miscellaneous	2 or 3 in Series	\$19.00	\$11.40
1010	14	9	A. P. P. Standard	Mail	18.00	9.00
1011	16	10	"	"	17.75	10.00
1012	18	11	"	"	18.75	11.00

No.	Height of Letter in Inches	Average No. per Letter	Letters		At Price per Letter	
			Style and Casting Point	Setting	Grade One Lin.	Grade Two Set.
1013	12 1/2	10	A. P. P. Miscellaneous	2 or 3 in Series	\$18.00	\$9.00
1014	14	11	A. P. P. Standard	2 or 3 in Series	17.00	10.00
1015	16	8	A. P. P. Standard	Mail	14.50	8.75
1016	18	10	"	"	16.25	9.00
1017	20	11	"	"	17.75	10.00

Prices quoted are only approximations, and do not include freight.

JERSEY CITY ELECTRIC LIGHT CO.

No. 2929.



No. 2930.



No. 2931.



No. 2932

No. 2929 }
 " 2930 }
 " 2931 }
 " 2932 }

To order.
 Prices on application.



● 2009 年 10 月 1 日起

SINGLE AND DOUBLE
ILLUMINATED
SIGNS.

Year	Change in Inventory	Cost Flow	Cost Price
1992	40	\$18.00	\$10.00
1993	25	18.00	40.00
1994	30	60.00	54.00

Year	Change in Inventory	Cost Flow	Cost Price
1995	30	180.00	75.00
1997	25	144.00	90.00
1999	30	162.00	97.00



● 2006 年 12 月 1 日



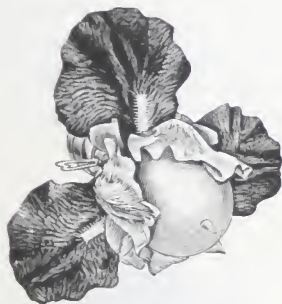
No. 27544

REFLECTING SIDE
LANTERN.

Year	1990	1991	1992	1993	1994	1995
1990	100	100	100	100	100	100
1991	100	100	100	100	100	100
1992	100	100	100	100	100	100
1993	100	100	100	100	100	100
1994	100	100	100	100	100	100
1995	100	100	100	100	100	100

A PARISIAN NOVELTY.

Highest Artistic Results in Interior Decorations and Electrical Effects.



No. 2943.

No.		List Price per Doz.	Net Price per Doz
2943	Fleur de Lis, in Shaded Purple	\$26 50	\$15 90
2944	Fleur de Lis, in Shaded Rose	26 50	15 90
2945	Fleur de Lis, in Shaded Cerise	26 50	15 90

In Silk and Velvet.



No. 2946.

No.		List Price per Doz.	Net Price per Doz.
2946	Poppy in Red Silk	\$30 00	\$18 00
2947	Poppy in Yellow Silk	30 00	18 00
2948	Poppy in Pink Silk	30 00	18 00



ATTACHMENT SIMPLICITY ITSELF.

See Engraving Above.

The effect is increased by placing the flowers over eight candle power ground glass lamps.

JARDINIERE ELECTRIQUE.

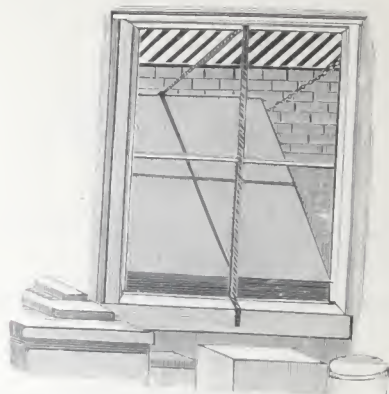
A very handsome and particularly effective article for interior decorative purposes; silk flowers, and leaves in natural colors.

Ornament complete, wired and furnished with electric socket and miniature lamp.



No. 2951

No.		List Price Each.	Net Price Each.
2949	Iris, Mauve Flower	\$18 00	\$10 80
2950	Rose, Ruby Flower	18 00	10 80
2951	Rose, Yellow Flower	18 00	10 80
2952	Rose, Pink Flower	18 00	10 80



No. 2953.

FRINK'S PATENT DAYLIGHT REFLECTORS.

Light Dark and Gloomy Offices, Stores, Factories, Apartments, etc., without the use of Gas or other Artificial Light.

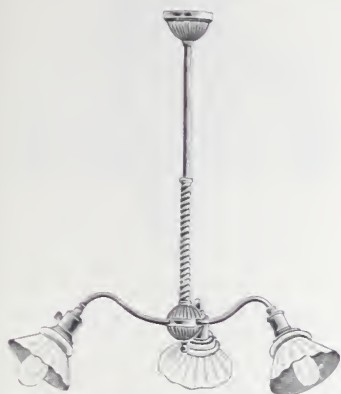
The Effect is Truly Astonishing.

No.	List Price per Square Foot	Net Price per Square Foot.
2953	\$3 00	\$1 80

For further information about Daylight Reflectors, send for Daylight Reflector Circular.

In the following pages the price of Electric Fixtures includes wiring and tripods; of Combination Fixtures, the insulating joints and candles where shown. Sockets, glassware and holders are not included unless specially mentioned.

See foot-note on preceding page.



No. 3230.

Spread, 18 inches.
Length, 21 inches.

No.	2 Electric	\$3 25
3230	3 Electric	4 00
	4 Electric	4 75



No. 3232.

Length, 36 inches.
Spread, 6 inches.

No.	1 Gas, 1 Electric	\$4 00
3232		



No. 4433.

Spread, 17 inches.
Extends 12 inches.

4433	2 Electric	\$6 00
------	------------	--------



No. 4434.

Extends 12 inches.

4434	1 Electric	\$2 00
------	------------	--------



No. 4435.

Extends 9 inches.

4435	1 Electric	\$0 65
------	------------	--------



No. 4436.

Extends 12 inches.

4436	1 Electric	\$2 00
------	------------	--------

J. P. FRINK NEW YORK



No. 3430.

Dimensions 21 inches, including Glass
5 Electric, \$41.00.



No. 3431.

Dimensions 21 inches, including Glass.
7 Electric, \$45.00.



No. 3432.

Length, 40 inches. Spread, 34 inches.
2 Electric, \$1.00.
5 " 10.00.

No. 3433.

Length, 40 inches.
Spread, 20 inches.

2 Electric, \$1.00.
3 " 1.50.
4 " 2.00.
5 " 2.50.



No. 3434.

No. 3435.
Length, 40 inches.
Spread, 30 inches.
2 Electric, \$14.00.
3 " 18.00.
4 " 22.00.
5 " 26.00.



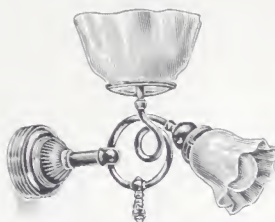
No. 3436.



No. 4128.

Spread, 18 inches. Extends 11 inches.

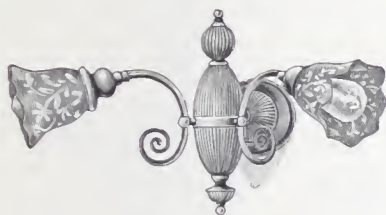
2 Gas, 2 Electric.....\$6 00



No. 4129.

Extends 11 inches.

1 Gas, 1 Electric.....\$3 50



No. 4130.

Spread, 12 inches. Extends 11 inches.

2 Electric.....\$6 00

3 " 8 00



No. 4131.

Extends 11 inches.

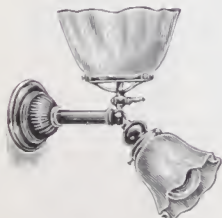
1 Gas, 1 Electric.....\$6 50



No. 4134.

Glass included.

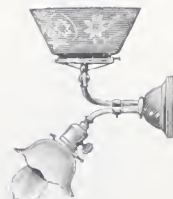
4 Electric.....\$4 00



No. 4132.

Extends 9 inches.

1 Gas, 1 Electric.....\$2 00



No. 4133.

Extends 10 inches.

1 Gas, 1 Electric, \$3 00



No. 3337.

Length, 30 inches. Spread, 20 inches.

Gas & Electric	\$10.00
Gas & Electric	15.00
Gas & Electric	15.00



No. 4240.

Length, 30 inches. Spread, 15 inches.

Gas & Electric	\$30.00
Gas & Electric	27.00



No. 3435.

Height, 50 inches. Spread, 20 inches.

Gas & Electric	\$15.00
Gas & Electric	12.00



No. 3126.

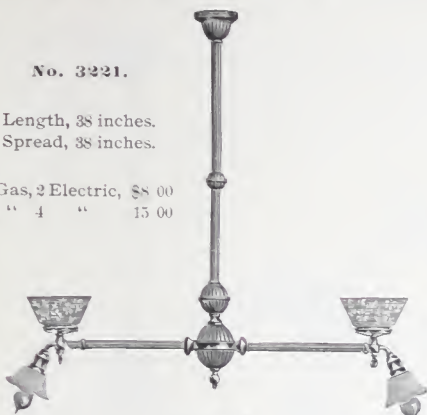
Length, 30 inches. Spread, 30 inches.

Gas & Electric	\$47.00
Gas & Electric	42.00
Gas & Electric	37.00

No. 3221.

Length, 38 inches.
Spread, 38 inches.

2 Gas, 2 Electric, \$8 00
4 " 4 " 15 00



No. 3221.

No. 3136.

Length, 39 inches.
Spread, 36 inches.

2 Gas, 2 Electric, \$20 00
3 " 3 " 25 00
4 " 4 " 30 00
5 " 5 " 35 00

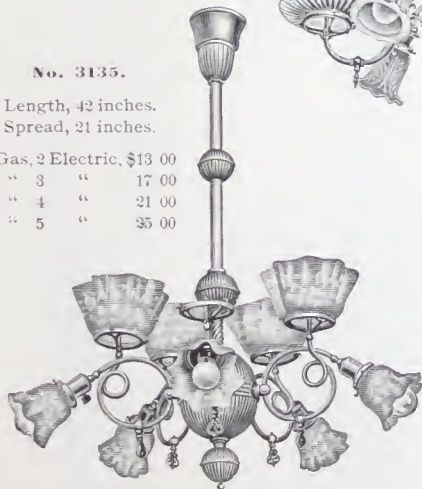


No. 3136.

No. 3135.

Length, 42 inches.
Spread, 21 inches.

2 Gas, 2 Electric, \$13 00
2 " 3 " 17 00
4 " 4 " 21 00
5 " 5 " 35 00



No. 3135.

No. 3134.

Length, 35 inches.
Spread, 22 inches.

2 Gas, 2 Electric, \$13 00
3 " 3 " 16 50
4 " 4 " 20 00



No. 3134.



No. 4244

Length, 30 inches
Diameter, 12 1/2 inches

- 1 Glass... \$5.00
1 Oil... 10.00



No. 4245

26 inches long

- 1 Glass... \$1.50



No. 4241

Black Iron

Length, 42 inches. Diam. 5 x 6 x 10 inches

- 1 Glass... \$15.00
1 Oil and 1 Glass... 10.00

ELECTRIC PORTABLES OR NEWELS.

Finished in Any Color.

No Glassware, Wiring, or Attachments Included.



No. 4437.

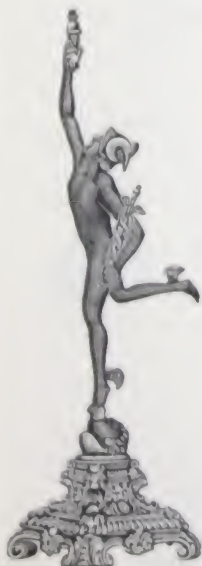
4437 18 inches high \$20 00

No. 4438.

4438 26 inches high \$15 00

No. 4439

4439 23 inches high \$15 00
With onyx base.



No. 4438.



No. 4439.

ELECTRIC PORTABLES.

Finished in Any Color.

No Glassware, Wiring, or Attachments Included.



Portable, No. 4440.

4440 24 inches high \$4 00



Portable, No. 4441.

4441 24 inches high \$5 00



Extension Portable, No. 4442.

4442 48 inches high \$4 00



Extension Portable, No. 4443.

4443 24 inches high \$5 00

PICTURE LIGHTING.

We light picture and art galleries, drawing and music rooms, and single pictures, producing special effects in lighting.

We have lighted nearly all of the private and public galleries in the country.

The Frink system of lighting has been adopted by the Metropolitan Museum of Art, New York; The Art Institute, Chicago, Ill.; Samuel Valadon & Co., New York; Dorand-Ruel, New York; Firth Ave. Art Galleries, New York; Corcoran Gallery of Art, Washington, D. C.; Hunt Memorial Library, Troy, N. Y.; R. I. School of Design, Providence, R. I.; Brooklyn Institute of Arts and Sciences, Brooklyn, N. Y.; M. Knoedler & Co., New York; Arthur Tooth & Sons, New York; Carnegie Library, Pittsburgh, Pa.; Art Palace and Woman's Building, World's Fair, Chicago, Ill., and the private galleries of Mr. Geo. W. Vanderbilt, New York; Mr. James W. Ellsworth, Chicago, Ill.; Mr. Matthew Ashby, Cincinnati, O.; Mr. L. Z. Heller, Washington, D. C.; Mr. James A. Webb, Madison, N. J.; Com. Edmund T. Gerry, New York; Mr. Potter Palmer, Chicago, Ill.; Mr. Chas. T. Yerkes, New York; Mr. M. D. C. Jordan, New York; Mr. Joseph Jefferson, Broadway, Mass.; Mr. Wm. L. Elmer, Philadelphia, Pa.; Mr. Chas. Sedelmeyer, Paris, France, etc.

Art galleries and rooms containing pictures to be lighted are always considered specially, and reflectors are designed to meet the conditions as found. We light with gas or electricity, or a combination of both, and manufacture plain reflectors for commercial use, in those of very ornate design, suitable for use in the guest drawing-room or private gallery, and make a specialty of special effects in lighting.

Send us the exact dimensions of gallery, drawing-room or picture, and state if gas or electric, and we will be glad to suggest plan of lighting, etc., and if near New York, make a personal inspection free of charge.

We have no hesitation in saying we are authority on picture lighting, and can produce for you the best results attainable.

THEATRE AND HALL LIGHTING.

Our Reflectors, Reflecting Chandeliers and Refractors are economically and thoroughly light auditoriums of every size. Suitable system to match any class of architecture will be found in this catalogue, or special designs will be furnished free, if desired.

Our Reflectors are suspended so high above the stage as to insure that the highest point in the gallery is twice as high. They cannot obstruct the view, and they increase the lighting power in the main portion of the house at least fourfold.

Our Combination Ventilating and Lighting Reflectors combine the ideal method of perfect ventilation.

Send full description of rooms to be lighted, with blue-prints where possible, and we will recommend sizes and kinds of fixtures, with designs and prices of all fixtures best suited for the purpose.

From thousands of commendations sent to Mr. Frink from all parts of the country, we can give extracts from but a very few, for want of space.

As the sentiment of complete satisfaction is expressed in all of them, it would be a mere repetition to extend the number.

Charlottesville, Va. E. J.

Some time ago you sent me letters for several Bibles which we have found very satisfactory. These Bibles are now being in use of the most profitable for school children in Florida and are in every way suitable for their position, and in every respect superior. And fully we in give commendation.

WILL. B. B. FLETCHER.

Waco, Mex.

We beg to state that our students of the new Bibles are most satisfied with the Bibles. They are giving good satisfaction.

MONTANA BAPTIST CHURCH.

Waco, N. Y.

The Western Bibles for Mr. Frink are all we are pleased to use for our Bibles.

WILLIAM J. SMITH.

General Committee.

Washington, D. C.

The Rev. of L. P. Frink, New York, has received all of the Bibles. We have in our country and it affords us pleasure to state that the Bibles of all the friends and personally the pretty volume by your agency of Bibles. The good work is satisfactory.

T. A. BARNARD, General.

General Secretary of Am.

Brooklyn, N. Y.

It affords us great pleasure to state that the Bibles are well used and give satisfaction. We have students here give entire satisfaction. The Bibles being very fine and are all being recommended.

J. A. PLATT, Jr.

Trout, N. Y.

In relation to the acceptability of your Bibles, placed by you in the West Mountain Library Building, would say that we have found them to be fully up to your requirements and also that the system will forth commendations from our series and other persons who visit our school.

REV. WYLL CLINTON, Librarian.

Trout Young Men's Association.

W. Church, Pa.

The Bibles and Bibles are all given to us, give entire satisfaction and the church is beautifully lighted.

W. T. WILLIAMS, Treasurer.

West Mountain Congregational Church.

Wichita, Kan.

Everybody is pleased with the Bibles and it is really splendid and a perfect beauty. We have no lack of light anywhere in the building. And so far as our experience goes if we had to buy again, we would have a York, and no more. We are truly pleased and have a beautiful light.

REV. A. J. BIRCHALL.

First Baptist Church.

Waco, Tex.

The Bibles for all Bibles give perfect satisfaction and light our students as bright as day.

REV. J. F. FARR.

Baptist Church.

Waco, N.

The special Western Bibles you shipped to last December are giving excellent satisfaction.

JOHN B. SHAPIRO.

Somerset, Ky.

The Reflector gives perfect satisfaction and the church is handsomely lighted throughout.

REV. W. E. ARNOLD,
M. E. Church, South.

Newberry, S. C.

Everyone who sees the new fixture in our church is delighted with it, because it combines in a marked degree the useful with the beautiful. It is the consensus of opinion we have the best lighted building in the city.

B. M. AULL,
For Lutheran Church

St. John's, Newfoundland.

We have the church Reflector in operation and the parties interested are well pleased and express themselves as thoroughly satisfied in every respect.

ST. JOHN'S ELECTRIC LIGHT CO.

Portsmouth, O.

The Reflectors are giving excellent satisfaction and we have a brilliant light. We are highly pleased.

W. K. DUPRE, Treasurer,
Sixth Street M. E. Church.

New Berlin, N. Y.

The church people, as well as ourselves, are very much pleased with the Reflectors, both as to appearance and effectiveness in lighting.

NEW BERLIN LIGHT & POWER CO.,
For Presbyterian Church.

Columbus, O.

The lighting of the Senate and House Assembly rooms by electricity is giving most excellent satisfaction, and the Reflectors furnished by you are much admired.

PROF. BENJ. F. THOMAS.

Buzzard's Bay, Mass.

I enclose check for the full amount of your bill. The work is entirely satisfactory. Your men are excellent workmen and it is a credit to any establishment to have such able and conscientious employees. I have much pleasure in recommending your work.

JOSEPH JEFFERSON.

Chicago, Ill.

We enclose herewith copy of a letter from the World's Columbian Exposition stating that the Frink Reflectors in the Art Gallery have been installed in a complete and satisfactory manner. We hope that this letter will be all that you need to release your bond.

WESTINGHOUSE ELECTRIC & MFG.

CO.

E. E. Keller, Mgr. & Gen. Supt.

Cleveland, O.

The Window Reflectors are all up and burning gloriously. Our customer is highly delighted with them.

MERRELL & HORNE,
Electrical Contractors.

New York, N. Y.

Numerous experiments were made in lighting with incandescent lamps one of the galleries in the museum for a sample light, but none proved satisfactory until you lighted one side of one gallery with your Reflectors. As soon as it was shown in operation to the Trustees of the Museum it received unanimous approval, and was adopted at once and ordered for use in all of the picture galleries in the Museum. I have no hesitation in giving your system my unqualified endorsement, and take pleasure in saying that I consider it the best that has hitherto been produced for lighting picture galleries by artificial light.

L. P. DI CESNOLA,

Director Met. Museum of Art.

Pittsburgh, Pa.

Your Reflecting Chandelier and fixtures in eighteen months of use have won for the Fourth Presbyterian Church the name of being the best lighted church in the city. This is corroborated by 150 ministers and laymen assembled recently in local Presbytery, and pronounced by them to be the best lighted building they had ever ministered in. We are thoroughly pleased and consider your fixtures the best money investment in our building. Complimented by all, criticised by none, artistically beautiful, mechanically no tinsel. Hoping that all future church building committees may consult you, and thereby see through a glass lightly, I am,

F. D. STONEROD.



Beverly, Md.

We are all very much pleased with Reflector; it lights the church beautifully, and I am glad to commend it.

C. H. R. MERRICK.

New York, N. Y.

After carefully observing and testing, on the opening night of my new theatre, the elegant Reflecting Chandelier that you put in, I must say that it is satisfactory in every respect, and is a grand and beautiful addition to my theatre.

H. C. MINER.

Constructing Quartermaster's Office,

Fort Riley, Kan., Nov. 16, 1897.

The reflectors and other fixtures came to hand, and I am very agreeably surprised with the fine workmanship and superior finish of all the appliances. They are highly satisfactory in every way.

GEORGE A. RUHLEN,

(For Government Chapel),

Captain and A. Q. M., U. S. Army.

Indianapolis, Ind.

The fixtures give excellent satisfaction. The large hall is so well lighted, that we can see to read the smallest print in every corner. Thanks for kindness, &c.

Rev. P. FRANCIS HAASE, O. S. F.,
Sacred Heart Church.

Brooklyn, N. Y.

I am pleased to be able to state that the work which you did for us in our new Church gives perfect satisfaction.

Rev. J. A. HARTNETT, C. M.,
St. John's College.

Quakertown, Pa.

The Reflector was put in position last week and used for the first time yesterday. It gives entire satisfaction; the decorations of the corona harmonize perfectly with the tints of the room. It gives more light than we had expected, and anyone can see perfectly to read in all parts of the church. Our church was the fourth in town to adopt electric lighting, and a gentleman who takes a great interest in electrical matters, pronounces ours the best lighted church in the town.

SAMUEL F. BERGER.

Ohio State University,
Columbus, O.

I might add that the 20 $\frac{3}{4}$ inch cluster reflectors, corrugated, are very satisfactory indeed, and I shall use them always in future with clusters wherever I can.

Prof. F. C. CALDWELL.

Albany Historical and Art Society,
176 State St., Albany, N. Y.

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